

**New Mexico - Portales Field Office**  
**FY 2005 Ranking Criteria Worksheet - Livestock Manure Management**

Applicant \_\_\_\_\_ Farm No. \_\_\_\_\_ Tract No. \_\_\_\_\_ Field No's. \_\_\_\_\_ Date \_\_\_\_\_

\_\_\_\_ Tribal Land \_\_\_\_ Non-Tribal Land Facility Status: A \_\_\_\_ B \_\_\_\_ or C \_\_\_\_ (see bottom of sheet)

**1. Distance to Surface Water or Well - 10 Potential Points (10% of Total)**

		Points	Existing
Determine the shortest distance from the livestock facility to the nearest downstream surface water or any well. Surface water may include a perennial or intermittent stream, river, lake, pond, irrigation canal, or wetland.	<100 Ft.	10	
	101-250 Ft.	8	
	251-500 Ft.	6	
	501-1,320 Ft.	4	
	>1,320 Ft.	2	

**2. Depth to Seasonal Water Table - 10 Potential Points (10% of Total)**

		Points	Existing
Determine the least distance from the ground surface to the top of the seasonal water table or aquifer at the livestock facility. Use information from on-site investigations, soil surveys, well completion reports, producer information, etc.	<10 Ft.	10	
	11-50 Ft.	8	
	51-100 Ft.	6	
	101-200 Ft.	4	
	>200 Ft.	2	

**3. Monitoring Well Nitrate Contamination - 10 Potential Points (10% of Total)**

		Points	Benchmark	After
Determine level of nitrate contamination based on analyses for monitoring wells located hydrologically down-gradient from livestock facility and/or manure application field.	0-5 ppm	10		
	5-9 ppm	8		
	10-15 ppm	6		
	15-20 ppm	4		
	>20 ppm	2		

**4. Status of Current Manure Facility/Operation - 40 Potential Points ( 40% of Total)**

See instructions on next page.		Max. Points	Benchmark	After
Collection and Transport	Adequate	10		
	Exists, inadequate	5		
	Nonexistent	0		
Storage and Treatment	Adequate	10		
	Exists, inadequate	5		
	Nonexistent	0		
Seepage	Adequate	20		
	Exists, inadequate	10		
	Nonexistent	0		

## 5. Manure Utilization [On-Site Land Application A through D - 30 Potential Points (30%)]

### OR [Off-Site Land Application and Other Manure Utilization E - 30 Potential Points (30%)]

See instructions on next page.						Max. Points	Benchmark	After
<b>A. Animal Density Status/Change:</b>		Extra High = 0 Pts High =2 Pts Med. = 4 Pts Low =5 Pts				5		
<b>B. Phosphorus Risk (Current/Planned)</b>		Very High 0 Pts	High 2 Points	Medium 3 Points	Low 4 Points	Very Low 5 High Pts	5	
<b>C. Potential for Leaching</b>		Yes = 0 Points No =5 Points				5		
<b>D. Irrigation Efficiency Use FIRS to Evaluate</b>						15		
Benchmark			After			Total Benchmark Points		Total After Points
% Efficiency	% of Area in Contract	Weighted Score	% Efficiency	% of Area in Contract	Weighted Score			
Benchmark Total: _____			After Total: _____					
OR						OR		
<b>E. Off-Site Land Application and Other Utilization: Waste Utilization Practice in Place</b>		Yes = 30 Points		No =0 Points		30		
Total <b>After</b> or <b>Existing</b> Points								
minus								
Total <b>Benchmark</b> Points								
equals								
<b>Total Points for Ranking</b>								
<b>A</b> - Existing facility needing improvements <b>B</b> - Expansion of existing facility <b>C</b> - Development of new facility								
Participant _____				Date _____				
Designated Conservationist _____				Date _____				

In the event of a tie in Ranking score, the following will be used:

Age of Dairy \_\_\_\_\_ (1 point per year)